

Serial No. 10/587,782

- 2 -

Listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A disabling system for a syringe, said disabling system comprising a plunger having at least one ratchet and a collar mountable to a barrel of said syringe, said collar comprising an inner member and an outer member having at least one pawl capable of engaging said ratchet, the inner member comprising one or more projections resiliently deformable to prevent initial engagement of said ratchet by said at least one pawl until said plunger is depressed.
2. (Previously Presented) The disabling system of Claim 1, wherein the plunger comprises two opposed ratchets, each disposed longitudinally along said plunger.
3. (Previously Presented) The disabling system of Claim 2, wherein each of said two opposed ratchets are alignable relative to two pawls so as to be capable of engaging said two pawls to prevent withdrawal of said plunger during or following depression of said plunger.
4. (Previously Presented) The disabling system of Claim 3, wherein each of said two opposed ratchets comprise a plurality of aligned steps, teeth or abutments.
5. (Previously Presented) The disabling system of Claim 1, wherein the inner member and the outer member are in use incapable of rotation relative to each other.
6. (Previously Presented) The disabling system of Claim 5, wherein said outer member comprises two fingers capable of slidably engaging respective, opposed guide slots located on said plunger to thereby prevent rotation of said plunger relative to said collar.
7. (Previously Presented) A syringe comprising a plunger comprising at least one ratchet, a barrel and a collar mountable to said barrel, said collar comprising an inner member and an outer member having at least one pawl, the inner member comprising one or

6370422_3.DOC

Serial No. 10/587,782

- 3 -

more projections resiliently deformable to prevent initial engagement of said ratchet by said at least one pawl until said plunger is depressed.

8. (Previously Presented) The syringe of Claim 7, wherein the collar comprises two pawls.

9. (Previously Presented) The syringe of Claim 8, wherein the plunger comprises two opposed ratchets, each disposed longitudinally along said plunger.

10. (Previously Presented) The syringe of Claim 9, wherein said two opposed ratchets are respectively alignable with the two pawls so as to be capable of respectively engaging said pawls, in use to prevent withdrawal of said plunger during or following depression of said plunger.

11. (Previously Presented) The syringe of Claim 10, wherein each of said two opposed ratchets comprise a plurality of aligned steps, teeth or abutments.

12. (Cancelled)

13. (Previously Presented) The syringe of Claim 7, wherein the inner member and the outer member are incapable of rotation relative to each other.

14. (Previously Presented) The syringe of Claim 13, wherein said outer member comprises two fingers that slidably engage respective, opposed guide slots located on said plunger to thereby prevent rotation of said plunger relative to said collar.

15. (Previously Presented) A syringe comprising:
a barrel that comprises two pawls; and
a plunger comprising:

6370422_3.DOC

Serial No. 10/587,782

- 4 -

two opposed ratchets respectively engageable by said two pawls to prevent withdrawal of said plunger during or following depression of said plunger; and

two opposed guide slots;

wherein said barrel comprises a collar having an inner member and an outer member that are incapable of rotation relative to each other, the inner member comprising one or more projections resiliently deformable to prevent initial engagement of said ratchet by said two pawls until said plunger is depressed, said outer member comprising said two pawls and further comprising two fingers that respectively slidably engage said opposed guide slots of said plunger to thereby prevent rotation of said plunger relative to said collar.

16. (Previously Presented) A method of operating a syringe, said method comprising:

providing a syringe comprising a plunger including at least one ratchet, a barrel and a collar mountable to said barrel, said collar comprising an inner member and an outer member having at least one pawl, the inner member comprising one or more projections resiliently deformable to prevent initial engagement of said ratchet by said two pawls until said plunger is depressed; and

depressing said plunger from a first position at which said at least one pawl is not engageable with said at least one ratchet by at least one projection of the inner member positioned between the at least one pawl and the at least one ratchet to a second position at which said at least one pawl is engageable with said at least one ratchet to prevent withdrawal of said plunger.

17. (Canceled)

18. (Previously Presented) A method of making a disabling system for a syringe, the method comprising:

forming at least one ratchet on a plunger; and

positioning an inner member of a collar which is mountable to a barrel of a syringe, the inner member comprising one or more projections resiliently deformable to prevent

6370422_3.DOC

Serial No. 10/587,782

- 5 -

initial engagement of the at least one ratchet of the plunger by at least one pawl of an outer member of the collar until the plunger is depressed.

19. (Previously Presented) The method of claim 18 wherein the forming at least one ratchet on a plunger further comprises forming at least two ratchets which are disposed longitudinally along the plunger.

20. (Previously Presented) The method of claim 19 further comprising aligning each of the at least two ratchets relative to two of the at least one pawls for engagement following depression of the plunger.

21. (Previously Presented) The method of claim 20 wherein each of the two ratchets comprise a plurality of at least one of aligned steps, teeth and abutments.

22. (Previously Presented) The method of claim 18 wherein the inner member and the outer member of the collar are incapable of rotation relative to each other.

23. (Previously Presented) The method of claim 22 further comprising slidably engaging at least two fingers of the outer member in guide slots located on the plunger to prevent rotation of the plunger relative to the collar.

24. (Previously Presented) A method of making a syringe, the method comprising:

forming at least one ratchet on a plunger;

mounting a collar in a barrel, the collar comprising an inner member and an outer member having at least one pawl; and

mounting the plunger for movement in the barrel, the inner member comprising one or more projections resiliently deformable to prevent initial engagement of the at least one ratchet by the at least one pawl until the plunger is depressed in the barrel.

6370422_3.DOC

Serial No. 10/587,782

- 6 -

25. (Previously Presented) The method of claim 24 wherein the outer member has at least two of the pawls.

26. (Previously Presented) The method of claim 25 wherein the forming at least one ratchet on a plunger further comprises forming at least two ratchets which are disposed longitudinally along the plunger.

27. (Previously Presented) The method of claim 26 further comprising aligning each of the at least two ratchets relative to two of the at least one pawls for engagement following depression of the plunger.

28. (Previously Presented) The method of claim 27 wherein each of the two ratchets comprise a plurality of at least one of aligned steps, teeth and abutments.

29. (Previously Presented) The method of claim 28 wherein the inner member and the outer member are incapable of rotation relative to each other.

30. (Previously Presented) The method of claim 29 further comprising slidably engaging at least two fingers of the outer member in guide slots located on the plunger to prevent rotation of the plunger relative to the collar.